

Abstract

5      Process for the continuous recirculation of the olefin which has not been reacted in the oxidation of olefins by means of hydroperoxide to give oxiranes and is present in the offgas stream formed during the oxidation, which comprises the steps (i) to (iii)

- (i)      separating the olefin from the offgas stream by absorption in a hydrocarbon,
- 10      (ii)      desorbing the olefin from the hydrocarbon,
- (iii)      recirculating the olefin obtained in step (ii) to the oxidation process.